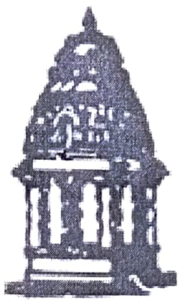
BRUHAT BANGALORE MAHANAGARA PALIKE



Asst. Executive Engineer,
Shettyhalli Sub-Division
MODIFIED ESTIMATE

Name of Work:- Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road Kalyana Nagara, 15th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Est Cost:45.00 Lakhs

BRUHATH BENGALORE MAHANAGARA PALIKE DASARAHALLI ZONE

MODIFIED ESTIMATE

Name of work: Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road Kalyana Nagara, 15th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Job Code:013-20-000130 — *Est .Cost Rs 45.00 Lakhs*

Sl. No	Description of the Work	Unit	No	Dimension in Meter L	B	D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **(Page No. 142/ Item No. 19.1/ PWD SR 2018-19)**								
	Desilt								
	Mallasandra								
	9th A Cross Road								
	RHS		1	70.00	0.60	0.45	18.90		
	LHS		1	29.00	0.60	0.45	7.83		
			1	26.00	0.60	0.45	7.02		
	For RCC Drain								
	7th Cross,Kalyana Nagara		2	64.00	1.10	1.00	140.80		
	9th A Cross Road, Mallasandra		1	14.00	1.10	0.90	13.86		
	3rd Cross Road, Shanthi Layout		2	36.00	1.10	1.00	79.20		
	For RCC Culvert								
	At 7th Cross,Kalyana Nagara		1	5.00	1.60	1.00	8.00		
	For SSM Wall								
	Near BBMP Office at Ashwath Katte		1	8.00	1.50	1.05	12.60		
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50	0.30	62.70		
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		2	210.00	1.15	0.25	120.75		
	Prashanth Nagara								
	15th C Cross Road		2	131.00	1.20	0.25	78.60		
		Cum	Total Modified Qty				550.26		
		Cum	Total Scheduled-B Qty				509.80		
		Cum	Qty Upto 125%				550.26	129.12	71049.57
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. **(P.No-222,I No-27.18 pwd 2018-19)**								
	For RCC Drain								
	7th Cross,Kalyana Nagara		2	64.00	1.10	0.15	21.12		
	9th A Cross Road, Mallasandra		1	14.00	1.10	0.15	2.31		
	3rd Cross Road, Shanthi Layout		2	36.00	1.10	0.15	11.88		
	For RCC Culvert								
	At 7th Cross,Kalyana Nagara		1	5.00	1.60	0.15	1.20		
	For SSM Wall								
	Near BBMP Office at Ashwath Katte		1	8.00	1.50	0.15	1.80		
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50	0.15	31.35		
		Cum	Total Modified Qty				69.66		
		Cum	Total Scheduled-B Qty				64.32		
		Cum	Qty Upto 125%				69.66	5162.24	359601.64
3	Providing and laying plain/reinforced cement concrete for side drains **using M20 nominal mix** concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm **(I No-37.59.2,P No-271 pwd 2018-19)**								
	For Bottom Raft								
	For RCC Drain								
	7th Cross,Kalyana Nagara		2	64.00	0.90	0.15	17.28		
	9th A Cross Road, Mallasandra		1	14.00	0.90	0.15	1.89		
	3rd Cross Road, Shanthi Layout		2	36.00	0.90	0.15	9.72		
	For RCC Culvert								
	At 7th Cross,Kalyana Nagara		1	5.00	1.30	0.25	1.63		
	For RCC Side Walls								
	For RCC Drain								
	7th Cross,Kalyana Nagara		4	64.00	0.15	0.60	23.04		

	Description of the Work	Unit	No	Dimension in Meter			Quantity	Rate	Amount
				L	B	D		in Rs.	in Rs.
	9th A Cross Road, Mallasandra								
	3rd Cross Road, Shanthi Layout		2	14.00	0.15	0.60	2.52		
	For RCC Culvert		4	36.00	0.15	0.60	12.96		
	At 7th Cross,Kalyana Nagara								
	Concrete For Bed Protection(Vent Portion)		2	5.00	0.30	0.60	1.80		
	Mallasandra								
	9th A Cross Road								
	RHS		1	70.00	0.60	0.10	4.20		
	LHS		1	29.00	0.60	0.10	1.74		
			1	26.00	0.60	0.10	1.56		
	Coping For Existing Drain								
	Mallasandra								
	9th A Cross Road								
	RHS		2	70.00	0.15	0.20	4.20		
	LHS		2	29.00	0.15	0.20	1.74		
			2	26.00	0.15	0.15	1.17		
		Cum	Total Modified Qty				85.45		
		Cum	Total Scheduled-B Qty				75.15		
		Cum	Qty Upto 125%				85.45	6736.49	575633.07
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3- TMT Bars Fe 500 **(I No-28.8.2,P No-229 PWD SR 2018-19)**								
	Consider 60kg/Cum for Rcc Drain		1	67.42	60.00		3882.82		
	Consider 90kg/Cum for Rcc Culvert		1	3.43	90.00		308.25		
		Kg					4191.07		
		Tonne	Total Modified Qty				4.20		
		Tonne	Total Scheduled-B Qty				4.88		
		Tonne	Qty Upto 125%				4.20	67770.38	284635.60
5	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)								
	For RCC Drain								
	7th Cross,Kalyana Nagara		2	64.00	0.90		115.20		
	9th A Cross Road, Mallasandra		1	14.00	0.90		12.60		
	3rd Cross Road, Shanthi Layout		2	36.00	0.90		64.80		
	New Precast Slabs For Existing Drain								
	9th A Cross Road								
	RHS		1	70.00	0.90		63.00		
	LHS		1	29.00	0.90		26.10		
			1	26.00	0.90		23.40		
		Sqm	Total Modified Qty				305.10		
		Sqm	Total Scheduled-B Qty				144.00		
		Sqm	Qty Upto 125%				180.00	1513.26	272386.80
		Sqm	Qty Above 125%				125.10	1513.42	189328.84
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **(P.No-255,I No-27.34.8.2 PWD 2018-19)**								
	For SSM Wall								
	Near BBMP Office at Ashwath Katte		1	8.00	1.30	0.90	9.36		
	Below GL								
	Above GL								
	Length=1.00 Mtr		1	1.00	0.75	1.00	0.75		
	1st Step		1	1.00	0.60	1.00	0.60		
	2nd Step								
	Length=8.00 Mtr		1	8.00	1.00	1.20	9.60		
	1st Step		1	8.00	0.75	1.00	6.00		
	2nd Step		1	8.00	0.60	1.00	4.80		
	3rd Step								
		Cum	Total Modified Qty				31.11		
		Cum	Total Scheduled-B Qty				29.52		
		Cum	Qty Upto 125%				31.11	4583.46	142591.44
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:3 **(P.No-255,I No-27.34.13.1 PWD 2018-19)**								
	For SSM Wall								
	Near BBMP Office at Ashwath Katte								
	Above GL								

	Description of the Work	Unit	No	Dimension in Meter			Quantity	Rate	Amount
				L	B	D		in Rs.	in Rs.
	Length=1.00 Mtr								
	1st Step		2	1.00		1.00	2.00		
	2nd Step		2	1.00		1.00	2.00		
	Length=8.00 Mtr								
	1st Step		2	8.00		1.20	19.20		
	2nd Step		2	8.00		1.00	16.00		
	3rd Step		2	8.00		1.00	16.00		
		Sqm	Total Modified Qty				55.20		
		Sqm	Total Scheduled-B Qty				65.60		
		Sqm	Qty Upto 125%				55.20	144.83	7994.62
8	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3 **(Page No. 146/ Item No.19.55/ PWD SR 2018-19)**								
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		2	210.00	1.15		483.00		
	Prashanth Nagara								
	15th C Cross Road		2	131.00	1.20		314.40		
		Sqm	Total Modified Qty				797.40		
		Sqm	Total Scheduled-B Qty				1022.40		
		Sqm	Qty Upto 125%				797.40	89.39	71279.59
9	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 **(Page No-140 Item no - 18.47 of KPWD SR 2018-19)**								
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50	0.15	31.35		
		Cum	Total Modified Qty				31.35		
		Cum	Total Scheduled-B Qty				43.20		
		Cum	Qty Upto 125%				31.35	892.90	27992.42
10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 **(Page No-147 Item no - 19.64 of KPWD SR 2018-19)**								
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50		209.00		
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		2	210.00	1.15		483.00		
	Prashanth Nagara								
	15th C Cross Road		2	131.00	1.20		314.40		
		Sqm	Total Modified Qty				1006.40		
		Sqm	Total Scheduled-B Qty				1310.40		
		Sqm	Qty Upto 125%				1006.40	5.96	5998.14
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406 **(Page No-158 Item no - 20.18 of KPWD SR 2018-19).**								
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50	0.15	31.35		
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		2	210.00	1.15	0.25	120.75		
	Prashanth Nagara								
	15th C Cross Road		2	131.00	1.20	0.25	78.60		
		Cum	Total Modified Qty				230.70		
		Cum	Total Scheduled-B Qty				298.80		
		Cum	Qty Upto 125%				230.70	1875.20	432608.64

	Description of the Work	Unit	No	Dimension in Meter			Quantity	Rate	Amount
				L	B	D		in Rs.	in Rs.
	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) **(Page No. 175.tem No.22.6.1,PW,P & IWTD SR 2018-19)**									
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50	0.15	31.35		
		Cum		**Total Modified Qty**			**31.35**		
		Cum		**Total Scheduled-B Qty**			**43.20**		
		Cum		**Qty Upto 125%**			**31.35**	**5016.72**	**157274.17**
13	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.**(Page No. 178.tem No.22.7,PW,P & IWTD SR 2018-19)**								
	For CC Road								
	Shanthi Layout								
	3rd Cross Road		1	38.00	5.50		209.00		
		Sqm		**Total Modified Qty**			**209.00**		
		Sqm		**Total Scheduled-B Qty**			**288.00**		
		Sqm		**Qty Upto 125%**			**209.00**	**67.54**	**14115.86**
14	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg l sqm using mechanical means complete as per specifications.MORTH Specification No. 502 **(Page No-161 Item no - 21.6 of KPWD SR 2018-19)**								
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		2	210.00	1.15		483.00		
	Prashanth Nagara								
	15th C Cross Road		2	131.00	1.20		314.40		
		Sqm		**Total Modified Qty**			**797.40**		
		Sqm		**Total Scheduled-B Qty**			**1022.40**		
		Sqm		**Qty Upto 125%**			**797.40**	**26.82**	**21386.27**
15	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen **(Page No-160 Item no - 21.17.6 of KPWD SR 2018-19)**								
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		2	131.80	1.15	0.05	15.16		
	For Camber Currection		1	18.70	3.30	0.05	3.09		
			1	30.00	3.80	0.05	5.70		
			1	18.00	3.60	0.05	3.24		
			1	11.50	3.00	0.05	1.73		
	Prashanth Nagara								
	15th C Cross Road		2	71.00	1.20	0.05	8.52		
	For Camber Currection		1	30.00	4.70	0.05	7.05		
			1	30.00	5.00	0.05	7.50		
		Cum		**Total Modified Qty**			**51.98**		
		Cum		**Total Scheduled-B Qty**			**48.42**		
		Cum		**Qty Upto 125%**			**51.98**	**6181.80**	**321329.96**
16	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 **(Page No-161 Item no - 21.2 of KPWD SR 2018-19).**								
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		1	210.00	4.50		945.00		
	Prashanth Nagara								
	15th C Cross Road		1	131.00	5.30		694.30		
		Sqm		**Total Modified Qty**			**1639.30**		
		Sqm		**Total Scheduled-B Qty**			**2192.00**		

	Description of the Work	Unit	No	Dimension in Meter			Quantity	Rate	Amount
				L	B	D		in Rs.	in Rs.
		Sqm		Qty Upto 125%			1639.30	4.97	8147.32
	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH (Page No-161 Item no - 21.7 of KPWD SR 2018-19).								
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road								
	Prashanth Nagara		1	210.00	4.50		945.00		
	15th C Cross Road								
			1	131.00	5.30		694.30		
		Sqm		Total Modified Qty			1639.30		
		Sqm		Total Scheduled-B Qty			2192.00		
		Sqm		Qty Upto 125%			1639.30	11.92	19540.46
8	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. Clause 507 of MORTH V Version as per IRC SP-53-2015,**do-Using 40-60 TPH Capacity HMP With Mechanical Paver Grading II (30-45mm) with 5.4% of Modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (Waste Plastic) (P.No.171 & I.No.21.78.12, PWD 18-19)**								
	For Asphalt Road								
	Kalyan Nagara								
	7th Cross Guruji Road		1	210.00	4.50	0.04	37.80		
	Prashanth Nagara								
	15th C Cross Road		1	131.00	5.30	0.04	27.77		
		Cum		Total Modified Qty			65.58		
		Cum		Total Scheduled-B Qty			90.32		
		Cum		Qty Upto 125%			65.58	7265.40	476464.93
19	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (P.No.136 & I.No.17.1 PWD 18-19)								
	Consider Qty Same As Per Vide Item No.1						550.26		
	Consider Qty Same As Per Vide Item No.8						47.844		
	Consider Qty Same As Per Vide Item No.9						31.35		
		Cum		Total Modified Qty			629.46		
		Cum		Total Scheduled-B Qty			629.68		
		Cum		Qty Upto 125%			629.46	53.41	33619.46
20	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road (P.No.136 & I.No.17.4 PWD 18-19)								
	Consider Qty Same As Per Vide Item No.19						629.46		
		t.km		Total Modified Qty			629.46		
		t.km		Total Scheduled-B Qty			629.68		
		t.km		Qty Upto 125%			629.46	23.99	15100.75
E1	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202 (Page No.139, Item No.18.19, KPWD SR 2018-19)								
	Desilt								
	Mallasandra								
	9th A Cross Road								
	RHS		1	70.00	0.90	0.20	12.60		
	LHS		1	29.00	0.90	0.20	5.22		
			1	26.00	0.90	0.20	4.68		
		Cum		Total Modified Qty			22.50		
		Cum		Total Scheduled-B Qty			0.00		
		Cum		Qty Above 125%			22.50	1578.40	35514.00
	Basic Rate	1589.00							
	Area Weightage 6%	95.34							
	Sub Total	1684.34							
	TP-6.29%	105.94							
	Total	1578.40							

Description of the Work	Unit	No	Dimension in Meter			Quantity	Rate in Rs.	Amount in Rs.
			L	B	D			
Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)								
For RCC Culvert								
At 7th Cross,Kalyana Nagara		6	0.60	1.20				
	Sqm	Total Modified Qty				4.32		
	Sqm	Total Scheduled-B Qty				4.32		
	Sqm	Qty Above 125%				0.00		
Data Rate	5418.00					4.32	5077.21	21933.55
Sub Total	5418.00							
TP-6.29%	340.79							
Total	5077.21							
KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC: 35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift and as per direction of engineer incharge of work (Page No.182,Item No.24.15, KPWD SR 2018-19)								
For Asphalt Road								
Kalyan Nagara								
7th Cross Guruji Road		2	210.00	0.10		42.00		
Prashanth Nagara								
15th C Cross Road		2	131.00	0.10		26.20		
	Sqm	Total Modified Qty				68.20		
	Sqm	Total Scheduled-B Qty				0.00		
	Sqm	Qty Above 125%				68.20	426.14	29062.75
Basic Rate	429.00							
Area Weightage 6%	25.74							
Sub Total	454.74							
TP-6.29%	28.60							
Total	426.14							
						Total Constrution cost		3594590.00
						GST Charges 12%		431351.00
						Grand Total		4025941.00

Certificate:-

1) This work comes within BBMP limits.
2) Certified that Personaly Inspected the Work Spot
3) Certified that the estimate is prepared based on CSR of PWD Banglore Circle 2018-19 and Data Rates
4) Estimate is prepared Making Use of essential item of work as per site Conditions in safest way of Execution in most economical way
5) This work is not included in any other program of work

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shetyhalli Sub - Division

Executive Engineer
Dasarahalli Zone

Technically Sanctione for Rs. 35.94 Lakhs/-
Rs. In words Rs. Thirty five lakhs ninety four thousand five ninety only
Under P-3724
Job Code No. 013-20-000030
Registered as CE No. 499/21-22 Subject to conditions contained in Enclosed Memo No. CE/D2/TS/499/A1/21-22 Dt. 04/02/2022

AE/JE TA CE(D)